

ABSTRACT OF THE DISCLOSURE

An electrical connector box configured to prevent damage to an integrally formed nut supporting bracket from a bolt tightening load. The electrical connector box includes a nut supporting bracket into which a threaded nut is molded, a circuit bus bar, and an electrical power lead terminal connector. The circuit bus bar and terminal connector are attached to the upper surface of the nut bracket by a threaded bolt. A reinforcement bus bar is angled downward from one side of a bolt attachment surface, and extends downwardly along one side of the nut bracket between an outer wall of the nut bracket and the vertical portion of the circuit bus bar.